

What is claimed is:

1. A shutter providing storm protection comprising:
 - an outer frame formed by a pair of vertical members and a pair of horizontal members connected to each other and defining an interior area;
 - a plurality of functional horizontal louvers movably connected to said outer frame and substantially filling said interior area of said frame; and
 - wherein said outer frame and said louvers are made out of a hurricane resistant material.
2. The shutter of claim 1 wherein said louvers function by a user actuating an operating mechanism, which rotates said louvers in unison outwardly around a horizontal axis.
3. The shutter of claim 2 wherein said operating mechanism is at least one L-angle.
4. The shutter of claim 2 wherein said operating mechanism is a vertical sliding mechanism on a backside of said vertical member of said outer frame.
5. The shutter of claim 2 wherein said operating mechanism is a bar extending vertically across said louvers.
6. The shutter of claim 2 wherein said operating mechanism is a winding crank mechanism.
7. The shutter of claim 1 further including means for locking said louvers into a closed position.
8. The shutter of claim 7 wherein said means for locking said louvers into a closed position is a mechanism on a backside of said vertical member of said outer frame.

9. The shutter of claim 7 wherein said means for locking said louvers into a closed position is at least one L-angle.
10. The shutter of claim 1 wherein said louvers interlock horizontally with each other when said louvers are in a closed position.
11. The shutter of claim 1 wherein said hurricane resistant material is aluminum.
12. The shutter of claim 1 wherein said hurricane resistant material is polycarbonate.
13. The shutter of claim 1 wherein said hurricane resistant material is high density plastic with foam reinforcement.
14. The shutter of claim 1 further including means for holding said shutter against a window or an opening.
15. The shutter of claim 14, wherein said means for holding said shutter against said window or said opening is at least one L-angle.
16. The shutter of claim 14, wherein said means for holding said shutter against said window or said opening is a Z bar.
17. The shutter of claim 14, wherein said means for holding said shutter against said window or said opening are predrilled holes through an outer frame which are anchored by bolts to a structure near said window.
18. The shutter of claim 1 wherein said pair of horizontal members includes an upper member and a lower member, said upper horizontal member being connectable above an external opening in a structure by at least one hinge, wherein said shutter is movable about said at least one hinge.

19. The shutter of claim 18 further including means for holding said lower horizontal member of said shutter apart from said structure.
20. The shutter of claim 18, wherein said means for holding said lower horizontal member of said shutter is a telescoping arm.
21. A shutter for protecting external openings in a structure from hurricane force winds comprising:
- an outer frame formed by a pair of vertical members and a pair of horizontal members connected to each other and defining an interior area;
 - at least one hinge connecting said outer frame to said structure adjacent to said external opening;
 - a plurality of functional horizontal louvers movably connected to said outer frame and substantially filling said interior area of said frame; and
 - wherein said outer frame and said louvers are made out of a material resistant to hurricane force winds.
22. The shutter of claim 21 wherein said louvers function by a user actuating an operating mechanism, which rotates said louvers in unison outwardly around a horizontal axis.
23. The shutter of claim 22 wherein said operating mechanism is at least one L-angle.
24. The shutter of claim 22 wherein said operating mechanism is a vertical sliding mechanism on a backside of said vertical member of said outer frame.
25. The shutter of claim 22 wherein said operating mechanism is a bar extending vertically across said louvers.

26. The shutter of claim 22 wherein said operating mechanism is a winding crank mechanism.
27. The shutter of claim 21 further including means for locking said louvers into a closed position.
28. The shutter of claim 27 wherein said means for locking said louvers into a closed position is a mechanism on a backside of said vertical member of said outer frame.
29. The shutter of claim 27 wherein said means for locking said louvers into a closed position is at least one L-angle.
30. The shutter of claim 21 wherein said louvers interlock horizontally with each other when said louvers are in a closed position.
31. The shutter of claim 21 wherein said louvers interlock horizontally with each other when said louvers are in a closed position and pressure is applied to said louvers.
32. The shutter of claim 21 wherein said material resistant to hurricane force winds is aluminum.
33. The shutter of claim 21 wherein said material resistant to hurricane force winds is polycarbonate.
34. The shutter of claim 21 wherein said material resistant to hurricane force winds is high density plastic with foam reinforcement.
35. The shutter of claim 21 wherein said shutter is movable about said at least one hinge.

36. The shutter of claim 21 further including means for holding said shutter apart from said structure.
37. The shutter of claim 21, further including a telescoping arm to hold said lower horizontal member of said shutter apart from said structure.
38. A hurricane shutter comprising:
- an outer frame forming an interior area,
 - a plurality of louvers extending horizontally across said interior area,
 - at least one L-angle movably connected between two of said louvers,
 - wherein said L-angle functions to actuate said louvers, lock said louvers in a closed position and hold said shutter against a window, and
 - wherein said outer frame and said louvers are made of a hurricane resistant material.
39. The shutter of claim 38 wherein said louvers interlock horizontally with each other when said louvers are in a closed position.
40. The shutter of claim 38 wherein said hurricane resistant material is aluminum.
41. The shutter of claim 38 wherein said hurricane resistant material is polycarbonate.
42. The shutter of claim 38 wherein said hurricane resistant material is high density plastic with foam reinforcement.
43. The shutter of claim 38 wherein said outer frame includes an upper horizontal member and a lower horizontal member, said upper horizontal member being connectable above an external opening in a structure by at least one hinge, wherein said shutter is movable about said at least one hinge.

44. The shutter of claim 43 further including means for holding said lower horizontal member of said shutter apart from said structure.

45. The shutter of claim 43, wherein said means for holding said lower horizontal member of said shutter is a telescoping arm.